

Minneola Athletic Complex-Construction of a New Pre engineered Steel Staircase and New Accessible Wheelchair Lift for the existing Concession Building at the Minneola Athletic Complex located at: 1300 Fosgate Road, Minneola

- 1.01 SCOPE OF WORK: Provide all labor, materials, equipment, fuel and other incidental costs and supervision necessary for the construction of a new metal staircase and new foundations / footers (as detailed in the Bid Documents) the GC shall coordinate the fabrication of the staircase with the accessible lift provider. The GC shall furnish and install a fully operational accessible wheelchair lift as shown on the Bid documents. The GC shall be responsible to provide the necessary electrical and other ancillary trade work for operation and installation of all components. All work and equipment shall be in strict compliance with the latest codes, standards and practices including but not limited to the Florida Building Code, Florida Accessibility Code, and the Florida Fire Prevention Code.

Misc. Items to be noted:

- Pre-bid Meeting by Contractor or Representative is mandatory in order for bid to be accepted
- Lake County will provide a power source to the location as needed by the Contractor under this RFQ
- Coordinate all components to comply with the design intent for planned future improvements
- Provide the necessary electrical and other ancillary trade for the operation and installation of all components
- Provide shop Drawings to Architect prior to fabrication
- Repair any damage finishes to like new condition
- Verify lift chair is for exterior use
- Address any safety concerns ; Construction Area to have temporary fencing and signage
- See attached shop Drawings for details
- Equipment shall be of materials suitable for and rated for the environment in which they are to be installed with appropriate NEMA enclosure rating
- Contractor shall provide an operating manual and maintenance manual to owner, the manual shall include at a minimum (1) Submittal data stating equipment rating and selected options for each piece of equipment requiring maintenance (2) Operation and maintenance manuals for each piece of equipment requiring maintenance, required routine maintenance actions shall be clearly identified (3) Names and addresses of at least one qualified service agency
- **Demolition and Removal of Existing Staircase and Framework not part of this RFQ**

All work and equipment under this division shall be in strict compliance with the codes, standards and practices listed herein and their respective dates are furnished as the minimum latest requirements.

1. State of Florida
2. Life Safety code-NFPA 101
3. Underwriters Laboratories Inc. Publications
4. National Fire Protection Association(NFPA)
5. American National Standards Association(ANSI)
6. National Electrical Code-(NFPA 70 2008)
7. Institute of Electrical and Electronic Engineers (IEEE)
8. National Electrical Manufacturer's Association (NEMA)
9. Requirements of Local Power Company
10. 2010 Florida Building Code
11. The American's with Disabilities Act (ADA)
12. Florida Accessibility Code

1.02 SUBMITTALS:

- A. Submit product data/specification and shop drawings to Park and Trails Division for review and approval of all items of work.
- B. All submittals to be approved by Parks and Trails Division prior to contractor delivering materials to site.
- C. Construction of all cement pavements shall meet ADA requirements and cross slope. Grading to be performed as required to meet ADA requirements.

1.03 FIELD CONDITIONS: Verify and coordinate all work to field locations and dimensions. Contractor is responsible for the installation of temporary construction fencing and signage to safely enclose the work area.

1.04 PRODUCT HANDLING:

- A. Deliver products to site in manufacturer's containers or packaging.
- B. Store in secure and weather protected area.
- C. Return all damaged products to manufacturer.

PART II – PRODUCTS

- 2.01 MATERIALS: Provide products as called for on the drawing and specified herein. See furnishing schedule and descriptions on drawings for specific products and Manufacturer's specs.

PART III – EXECUTION

3.01 WORKMANSHIP:

- A. All furnishings described herein shall be installed by qualified tradesman. All installation work and materials to be per manufacturer's specifications, or as directed by the Owner's Representative.
- B. All work and materials are subject to the approval of the County.
- C. All products shall be inspected by the County for damage and chipped or marred finish. Contractor shall replace any damaged or rejected products at no additional cost to the owner. The owner's representative may at his option authorize acceptance of chipped or scratched painted surfaces repaired by contractor at his own risk.

3.1 INSTALLATION

- A. Install furnishing in locations as indicated on the plans and details. Assure that all furnishings are installed plumb and level and in accordance with the plans and details.
- B. Install as per manufacturer's specifications

3.2 ACCEPTANCE

- A. The County will review each installation to determine compliance with plans and specifications prior to final acceptance of the work.
- B. Any work not installed in accordance with the plans and specifications and rejected by the County shall be removed and replaced at the Contractor's expense.

3.3 GUARANTEES

- A. The contractor shall furnish warranties in writing certifying that the quality and workmanship of all materials and installation furnished is in accordance with these specifications and in accordance with the original manufacturers' warranties. The contractor shall warrant the installation workmanship for a period of one year from the date of final acceptance of the job, or any accepted portion of the job.

3.4 CLEANING

- A. Perform cleaning during installation of the work and upon completion of the work. Remove from site all excess materials, soil, debris, and equipment.

1000 GENERAL NOTES:

1. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH PROJECT SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR OPENINGS, DEPRESSIONS, EQUIPMENT WEIGHTS AND LOCATIONS, EMBEDDED ITEMS AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
 2. DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
 3. NO STRUCTURAL MEMBER OR COMPONENT SHALL BE CUT, NOTCHED, OR OTHERWISE ALTERED UNLESS APPROVED IN WRITING BY THE ENGINEER OF RECORD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL COSTS INCURRED BY THE ENGINEER OF RECORD FOR REVIEW OF ANY SUCH DEVIATIONS.
 4. DO NOT SCALE DRAWINGS.
 5. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIEDOWNS.
 6. DETAILS LABELED "TYPICAL DETAILS" ON THE DRAWINGS SHALL APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. THE APPLICABILITY OF THE DETAIL TO ITS LOCATION ON THE DRAWINGS CAN BE DETERMINED BY THE TITLE OF DETAIL. SUCH DETAILS SHALL APPLY WHETHER OR NOT THEY ARE REFERENCED AT EACH LOCATION. QUESTIONS REGARDING APPLICABILITY OF TYPICAL DETAILS SHALL BE DETERMINED BY THE ENGINEER OF RECORD.
 7. THE GENERAL CONTRACTOR SHALL COMPARE THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, CIVIL AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCIES BETWEEN EACH SET OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS TO THE ARCHITECT AND ENGINEER OF RECORD PRIOR TO THE FABRICATION AND INSTALLATION OF ANY STRUCTURAL MEMBERS.
 8. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, AND DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, SEQUENCE AND SAFETY. THE ENGINEER DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSION OF THE CONTRACTOR, SUBCONTRACTOR OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
 9. THE STRUCTURAL ENGINEER'S OBLIGATIONS TO REVIEW SHOP DRAWINGS AND OTHER SUBMITTALS AND TO RETURN THEM IN A TIMELY MANNER ARE CONDITIONED UPON THE PRIOR REVIEW AND APPROVAL OF THE SHOP DRAWINGS OR SUBMITTALS BY THE CONTRACTOR AS REQUIRED IN THE CONSTRUCTION CONTRACT AND THE CONTRACTOR'S SUBMITTAL OF THE SHOP DRAWINGS AND OTHER SUBMITTALS IN ACCORDANCE WITH A WRITTEN SCHEDULE DISTRIBUTED IN ADVANCE TO THE ENGINEER IDENTIFYING THE DATES FOR THE SUBMITTAL OF THE VARIOUS SHOP DRAWINGS AND SUBMITTALS.
 10. PERIODIC SITE OBSERVATION BY FIELD REPRESENTATIVES OF TLC ENGINEERING FOR ARCHITECTURE IS SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK OF THE CONTRACTOR IS PROCEEDING IN GENERAL ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHALL NOT BE CONSTRUED AS EXHAUSTIVE OR CONTINUOUS TO CHECK THE QUALITY OR QUANTITY OF THE WORK.
 11. ALL STRUCTURES REQUIRE PERIODIC MAINTENANCE TO EXCEED LIFE SPAN AND TO ENSURE STRUCTURAL INTEGRITY FROM EXPOSURE TO THE ENVIRONMENT. A PLANNED PROGRAM OF MAINTENANCE SHALL BE ESTABLISHED BY THE OWNER. THIS PROGRAM SHALL INCLUDE ITEMS SUCH AS, BUT NOT LIMITED TO, PAINTING OF STRUCTURAL STEEL, PROTECTIVE COATINGS FOR CONCRETE, SEALANTS, CAULKED JOINTS, EXPANSION JOINTS, CONTROL JOINTS, SPALLS AND CRACKS IN CONCRETE, AND PRESSURE WASHING OF EXPOSED STRUCTURAL ELEMENTS EXPOSED TO SALT ENVIRONMENT OR OTHER HARSH CHEMICALS.
 12. STRUCTURAL ENGINEER OF RECORD IS NOT RESPONSIBLE FOR THE DESIGN OF STEEL STAIRS, HANDRAILS, CURTAIN WALL/WINDOW WALL SYSTEMS, COLD-FORMED STEEL FRAMING, OR OTHER SYSTEMS NOT SHOWN IN THE STRUCTURAL DOCUMENTS. SUCH SYSTEMS SHALL BE DESIGNED, FURNISHED, AND INSTALLED AS REQUIRED BY OTHER PORTIONS OF THE CONTRACT DOCUMENTS.
 13. IN THE PROFESSIONAL OPINION OF TLC ENGINEERING FOR ARCHITECTURE, INC. THE STRUCTURAL CONTRACT DOCUMENTS FOR THIS PROJECT HAVE BEEN PREPARED IN ACCORDANCE WITH THE DESIGN CRITERIA AS SET FORTH IN THE FLORIDA BUILDING CODE, 2010 EDITION.
 14. NO PROVISIONS HAVE BEEN MADE FOR VERTICAL OR HORIZONTAL EXPANSION EXCEPT AS SHOWN ON CONTRACT DOCUMENTS.
 15. FINISH FLOOR ELEVATION (FIRST FLOOR) OF 0'-0" (100'-0") IS USED AS A REFERENCE ELEVATION. ACTUAL FLOOR ELEVATION IS + X.X'. SEE CIVIL DRAWINGS FOR ACTUAL ELEVATION.
 16. THE USE OF REPRODUCTIONS OF THESE CONTRACT DOCUMENTS AND USE OF CAD FILES BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS IS PROHIBITED UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM ENGINEER OF RECORD.
 17. IN THE EVENT THAT THE STRUCTURAL CONTRACTS DRAWINGS AND SPECIFICATIONS CONFLICT ON INFORMATION, THE STRUCTURAL CONTRACT DRAWINGS SHALL SUPERSEDE THE SPECIFICATIONS.
- 1060 DESIGN LOADS:
1. THE STRUCTURAL SYSTEM FOR THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, 2010 EDITION, AND AS SUPPLEMENTED BY LOCAL AMENDMENTS.
 2. THE FOLLOWING SUPERIMPOSED LOADINGS HAVE BEEN UTILIZED:
 - 2.1. DEAD LOADS
 - 2.2. LIVE LOADS
 - 2.3. WIND: PER FLORIDA BUILDING CODE, SECTION 1609.
SEE SHEET S003 FOR COMPONENTS AND CLADDING PRESSURES
ULTIMATE DESIGN WIND SPEED, $V_{ult} = 140$ MPH (3 SEC. GUST)
NOMINAL DESIGN WIND SPEED, $V_{asd} = 108$ MPH (3 SEC. GUST)
RISK CATEGORY = II
EXPOSURE = C
- | | |
|--|---------|
| ROOF | 15 PSF |
| ROOF STRUCTURE | |
| ROOF LOADS | |
| STAIRS AND EXITS | 20 PSF |
| WIND: PER FLORIDA BUILDING CODE, SECTION 1609. | |
| SEE SHEET S003 FOR COMPONENTS AND CLADDING | 100 PSF |
| PRESSURES | |

1330 SHOP DRAWING REVIEW:

1. SHOP DRAWINGS SHALL ADEQUATELY DEPICT THE STRUCTURAL ELEMENTS AND CONNECTIONS SHOWN ON THE CONTRACT DOCUMENTS. SHOP DRAWINGS WILL BE REVIEWED FOR GENERAL COMPLIANCE WITH THE DESIGN INTENT OF THE CONTRACT DOCUMENTS ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY COMPLIANCE WITH THE CONTRACT DOCUMENTS AS TO QUANTITY, LENGTH, ELEVATIONS, DIMENSIONS, ETC. REVIEW OF SUBMITTALS AND SHOP DRAWINGS DOES NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF THE SHOP DRAWINGS.
2. SHOP DRAWINGS SHALL BE REVIEWED BY THE CONTRACTOR AND MARKED "APPROVED" PRIOR TO SUBMITTAL TO THE ARCHITECT/ENGINEER. NON-CONFORMING DRAWING SUBMITTALS WILL BE RETURNED WITHOUT REVIEW.
3. SHOP DRAWING SUBMITTALS SHALL INCLUDE, AT A MINIMUM, ONE GOOD QUALITY REPRODUCIBLE AND THREE SETS OF BLUEPRINTS. ONE SET OF PRINTS WILL BE RETAINED BY THE ENGINEER OF RECORD, ONE BY THE ARCHITECT, ONE BY THE LOCAL BUILDING DEPARTMENT (WHERE REQUIRED) AND THE CONTRACTOR SHALL MAKE PRINTS FROM THE REPRODUCIBLE AS REQUIRED FOR DISTRIBUTION.
4. THE CONTRACT DOCUMENTS WILL GOVERN OVER THE SHOP DRAWINGS UNLESS OTHERWISE SPECIFIED IN WRITING BY THE ENGINEER OF RECORD.
5. CHANGES AND ADDITIONS MADE ON RE-SUBMITTALS SHALL BE CLEARLY FLAGGED AND NOTED. THE PURPOSE OF THE RE-SUBMITTALS SHALL BE CLEARLY NOTED ON THE LETTER OF TRANSMITTAL. ARCHITECT/ENGINEER OF RECORD REVIEW WILL BE LIMITED TO THOSE ITEMS CAUSING THE RE-SUBMITTAL.

3302 CONCRETE:

1. SHALL BE PER AN APPROVED MIX DESIGN PROPORTIONED TO ACHIEVE A STRENGTH AT 28 DAYS AS LISTED BELOW WITH A PLASTIC AND WORKABLE MIX:

LOCATION	STRENGTH	SLUMP	MAX AGGREGATE	W/C RATIO
FOUNDATIONS	3000 PSI	4-6"	1"	0.48
SLABS ON GRADE	4000 PSI	4-6"	3/4"	0.48
2. CONCRETE SHALL BE PLACED AND CURED ACCORDING TO ACI STANDARDS AND SPECIFICATIONS.
3. SUBMIT PROPOSED MIX DESIGN WITH RECENT FIELD CYLINDER OR LAB TESTS FOR REVIEW PRIOR TO USE. MIX SHALL BE UNIQUELY IDENTIFIED BY MIX NUMBER OR OTHER POSITIVE IDENTIFICATION. MIX SHALL MEET THE REQUIREMENTS OF ASTM C33 FOR COARSE AGGREGATE.
4. CONCRETE SHALL COMPLY WITH THE REQUIREMENTS OF ASTM STANDARD C94 FOR MEASURING, MIXING, TRANSPORTING, ETC. CONCRETE TICKETS SHALL BE TIME STAMPED WHEN CONCRETE IS BATCHED.
5. THE MAXIMUM TIME ALLOWED FROM THE TIME THE MIXING WATER IS ADDED UNTIL IT IS DEPOSITED IN ITS FINAL POSITION SHALL NOT EXCEED ONE AND ONE HALF (1-1/2) HOURS. IF FOR ANY REASON THERE IS A LONGER DELAY THAN THAT STATED ABOVE, THE CONCRETE SHALL BE DISCARDED. IT SHALL BE THE RESPONSIBILITY OF THE TESTING LAB TO NOTIFY THE OWNER'S REPRESENTATIVE AND THE CONTRACTOR OF ANY NONCOMPLIANCE WITH THE ABOVE.
6. SLABS SHALL BE CURED USING A DISSIPATING CURING COMPOUND MEETING ASTM STANDARD C309 TYPE 1-CLASS D AND SHALL HAVE A FUGITIVE DYE. THE COMPOUND SHALL BE PLACED AS SOON AS THE FINISHING IS COMPLETED OR AS SOON AS THE WATER HAS LEFT THE UNFINISHED CONCRETE. SCUFFED OR BROKEN AREAS IN THE CURING MEMBRANE SHALL BE RECOATED DAILY.
7. CALCIUM CHLORIDES SHALL NOT BE UTILIZED; OTHER ADMIXTURES MAY BE USED ONLY WITH THE APPROVAL OF THE ENGINEER.
8. CONCRETE MIX DESIGNS SHALL INCLUDE A WRITTEN DESCRIPTION INDICATING WHERE EACH PARTICULAR MIX IS TO BE PLACED WITHIN THE STRUCTURE.
9. CONDUITS, PIPES AND SLEEVES SHALL BE PLACED AND SPACED IN ACCORDANCE WITH ACI 318, 6.3.
10. CONCRETE DESIGN MIX SUBMITTALS SHALL INCLUDE TESTED, STATISTICAL BACK-UP DATA AS PER CHAPTER 5 OF ACI 318.
11. WHEN TOTAL WIDTH OF PIPES OR DUCTS CAST INTO A SLAB EXCEED 12" IN A 24" WIDTH THEN THE CONTRACTOR SHALL ADD A LAYER OF #4 @ 12" ABOVE AND PERPENDICULAR TO THE DUCT/PIPE RUNS EXTENDING 12" BEYOND THE LAST DUCT/PIPE ON EACH SIDE.
12. WHEN WATER-BASED ADHESIVE ARE BEING USED ON CONCRETE SURFACES, THE CONTRACTOR SHALL VERIFY THAT THE WATER CONTENT OF THE CONCRETE IS WITHIN THE ALLOWABLE RANGE BEFORE INSTALLATION.
13. WHERE SPECIFIED CONCRETE STRENGTH OF COLUMN IS GREATER THAN THE SPECIFIED SLAB CONCRETE STRENGTH, HIGHER STRENGTH CONCRETE SHALL BE PUDDLED AT THE COLUMN. THE STRENGTH OF PUDDLED CONCRETE SHALL BE AT LEAST 0.72 TIMES THE STRENGTH OF COLUMN CONCRETE PER ACI 318, 10.15.

1331 SHOP DRAWINGS FOR SPECIALTY ENGINEERED PRODUCTS:

1. THE FOLLOWING SYSTEMS AND COMPONENTS AS A MINIMUM REQUIRE FABRICATION AND ERECTION DRAWINGS PREPARED BY A DELEGATED ENGINEER:
 - A. PRE-ENGINEERED RAILINGS
 - B. PRE-ENGINEERED STAIRS AND LANDINGS
 - C. PRE-ENGINEERED ALUMINUM TRELLIS AND FOUNDATIONS
2. SUBMITTALS SHALL CLEARLY IDENTIFY THE SPECIFIC PROJECT AND APPLICABLE CODES, LIST THE DESIGN CRITERIA, AND SHOW ALL DETAILS AND DRAWINGS NECESSARY FOR PROPER FABRICATION AND INSTALLATION. CALCULATIONS AND SHOP DRAWINGS SHALL IDENTIFY SPECIFIC PRODUCT UTILIZED. GENERIC PRODUCTS WILL NOT BE ACCEPTED.
3. SHOP DRAWINGS AND CALCULATIONS SHALL BE PREPARED UNDER THE DIRECT SUPERVISION AND CONTROL OF THE DELEGATED ENGINEER.
4. SHOP DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE STATE OF FLORIDA. COMPUTER PRINTOUTS ARE AN ACCEPTABLE SUBSTITUTE FOR MANUAL COMPUTATIONS PROVIDED THEY ARE ACCOMPANIED BY SUFFICIENT DESCRIPTIVE INFORMATION TO PERMIT THEIR PROPER EVALUATION. SUCH DESCRIPTIVE INFORMATION SHALL BE SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE STATE OF FLORIDA AS AN INDICATION THAT HE/SHE HAS ACCEPTED RESPONSIBILITY FOR THE RESULTS. THE STRUCTURAL ENGINEER WILL RETAIN ONE SIGNED AND SEALED SET FOR THEIR RECORDS.
5. DRAWINGS PREPARED SOLELY TO SERVE AS A GUIDE FOR FABRICATION AND INSTALLATION (SUCH AS REINFORCING STEEL SHOP DRAWINGS OR STRUCTURAL STEEL ERECTION DRAWINGS) AND REQUIRING NO ENGINEERING, DO NOT REQUIRE THE SEAL OF A DELEGATED ENGINEER.
6. CATALOG INFORMATION ON STANDARD PRODUCTS DOES NOT REQUIRE THE SEAL OF A DELEGATED ENGINEER.
7. REVIEW BY THE STRUCTURAL ENGINEER OF RECORD OF SUBMITTALS IS LIMITED TO VERIFYING THE FOLLOWING:
 - A. THAT THE SPECIFIED STRUCTURAL SUBMITTALS HAVE BEEN FURNISHED.
 - B. THAT THE STRUCTURAL SUBMITTALS HAVE BEEN SIGNED AND SEALED BY THE DELEGATED ENGINEER.
 - C. THAT THE DELEGATED ENGINEER HAS UNDERSTOOD THE DESIGN INTENT AND HAS USED THE SPECIFIED STRUCTURAL CRITERIA. NO DETAILED CHECK OF CALCULATIONS WILL BE MADE.
 - D. THAT THE CONFIGURATION SET FORTH IN THE STRUCTURAL SUBMITTALS IS CONSISTENT WITH THE CONTRACT DOCUMENTS. NO DETAILED CHECK OF DIMENSIONS OR QUANTITIES WILL BE MADE.
8. SUBMITTALS NOT MEETING THE ABOVE CRITERIA WILL NOT BE REVIEWED AND WILL BE RETURNED.

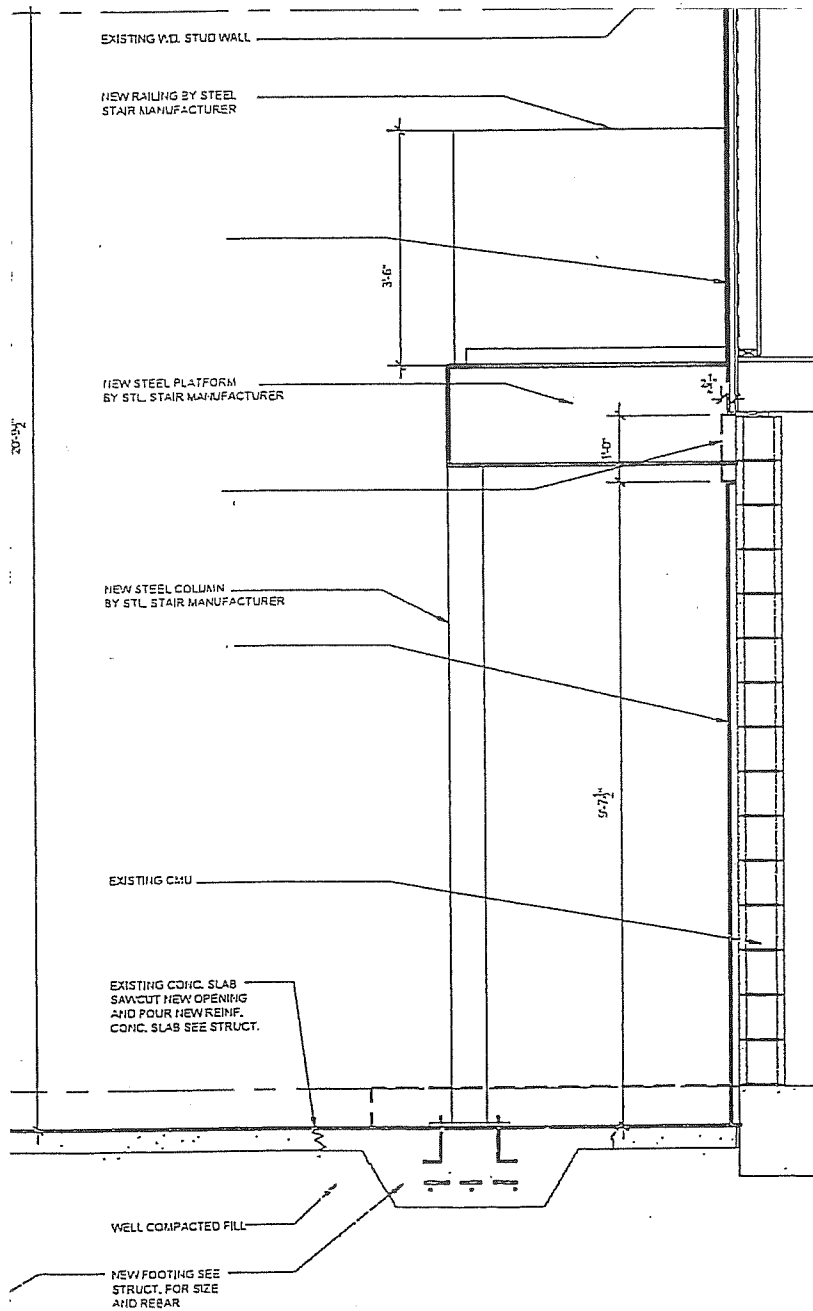
1333 SUBMITTALS

1. ALL SHOP DRAWINGS MUST BE REVIEWED AND STAMPED APPROVED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTAL.
 2. THE GENERAL CONTRACTOR SHALL SUBMIT FOR ENGINEER REVIEW SHOP DRAWINGS FOR THE FOLLOWING ITEMS:
 - A. STRUCTURAL STEEL
 - B. REINFORCING STEEL
 - C. STEEL AND PRECAST CONCRETE STAIRS (*)
 - D. CONCRETE MIX DESIGNS
- ITEMS MARKED (*) SHALL HAVE SHOP DRAWINGS SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.
- ITEMS MARKED (#) SHALL BE SUBMITTED FOR ENGINEERS RECORD ONLY.
3. MANUFACTURER'S LITERATURE. SUBMIT TWO COPIES OF / MANUFACTURER'S LITERATURE FOR ALL MATERIALS AND PRODUCTS USED IN CONSTRUCTION ON THE PROJECT.

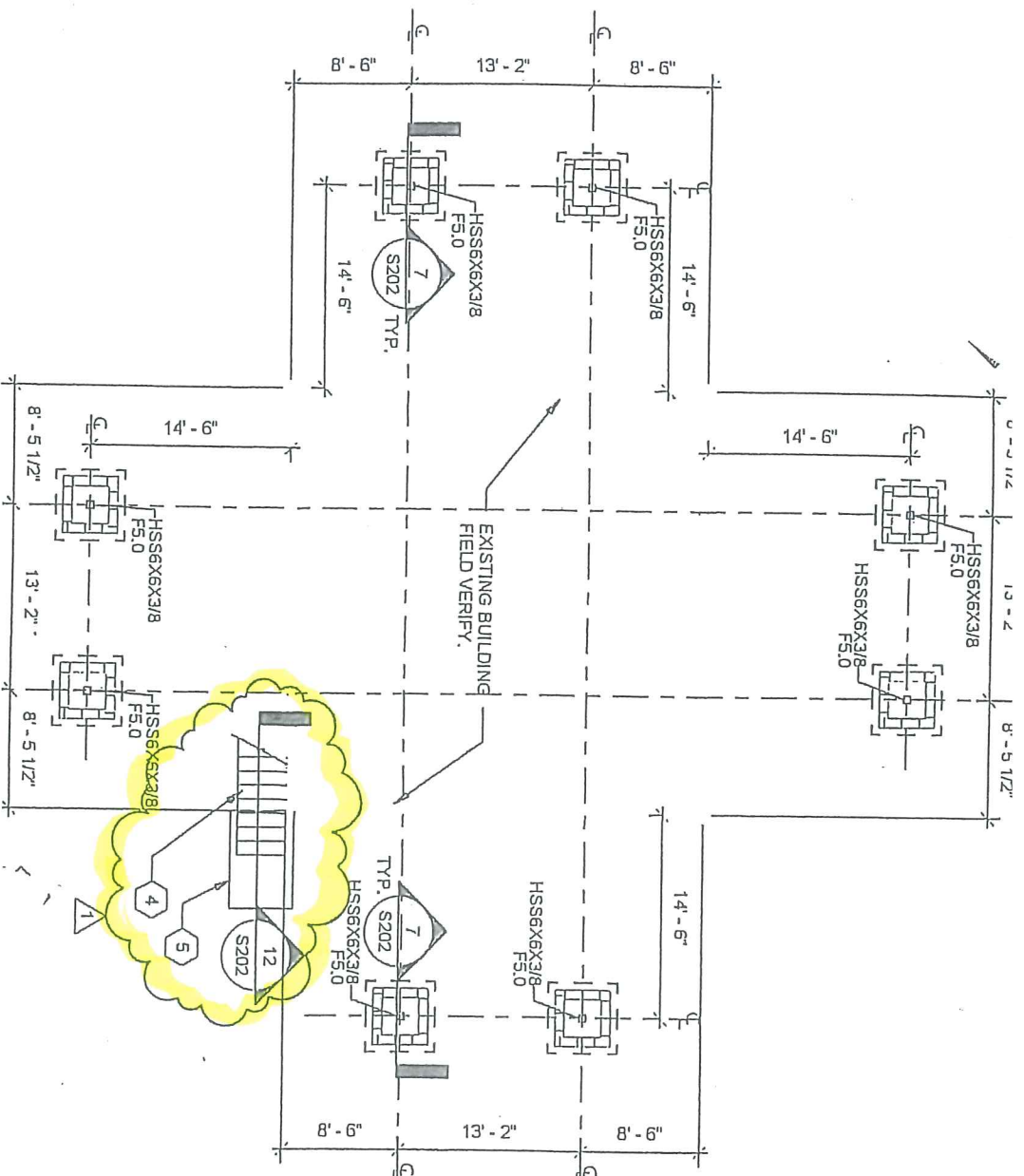
1334 REQUEST FOR INTERPRETATION (RFI)

1. RFI SHALL ORIGINATE WITH CONTRACTOR AND SHALL BE SUBMITTED IN THE FORM SPECIFIED WITHIN CONTRACT DOCUMENTS. RFI SHALL BE SUBMITTED IN A PROMPT MANNER AS TO AVOID DELAYS IN CONTRACTORS WORK.
2. RFI SHALL BE SUBMITTED AS SPECIFIED WITHIN THE CONTRACT DOCUMENTS AND SHALL BE FORWARDED TO THE ENGINEER VIA THE ARCHITECT OR DIRECTLY TO THE ENGINEER BY THE CONTRACTOR WHEN APPROVED BY THE ARCHITECT.
3. ENGINEER SHALL TAKE UP TO 5 BUSINESS DAYS TO REVIEW AND RETURN RFI'S. HOWEVER, THE ENGINEER WILL ATTEMPT TO EXPEDITE THE REVIEW OF ALL RFI'S WITHIN A REASONABLE TIME FRAME.
4. RFI RESPONSES ARE NOT INTENDED TO AUTHORIZE ANY INCREASE IN CONSTRUCTION COST, SCHEDULE OR TIME EXTENSIONS, OR CONSTRUCTION IN CONFLICT WITH ANY APPLICABLE CODES OR SPECIFIED DESIGN STANDARDS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE DESIGN TEAM IMMEDIATELY OF ANY PERCEIVED SCOPE, SCHEDULE, OR COST IMPACTS OR ADJUSTMENTS. IF CONTRACTOR REQUESTS ANY ADDITIONAL COST, INCREASE IN SCHEDULE OR ADJUSTMENT IN SCOPE, THE CONTRACTOR SHALL NOT PROCEED WITH ADDITIONAL WORK UNTIL APPROVED IN WRITING BY THE CONSTRUCTION ADMINISTRATOR.

CONTRACTOR TO VERIFY
ALL DIMENSIONS IN FIELD

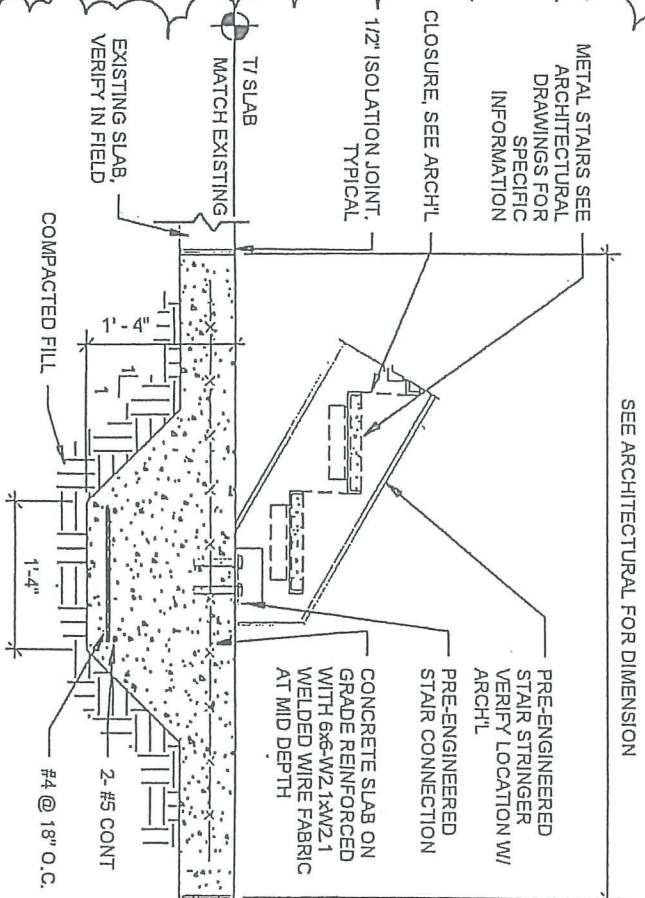


A9.3P



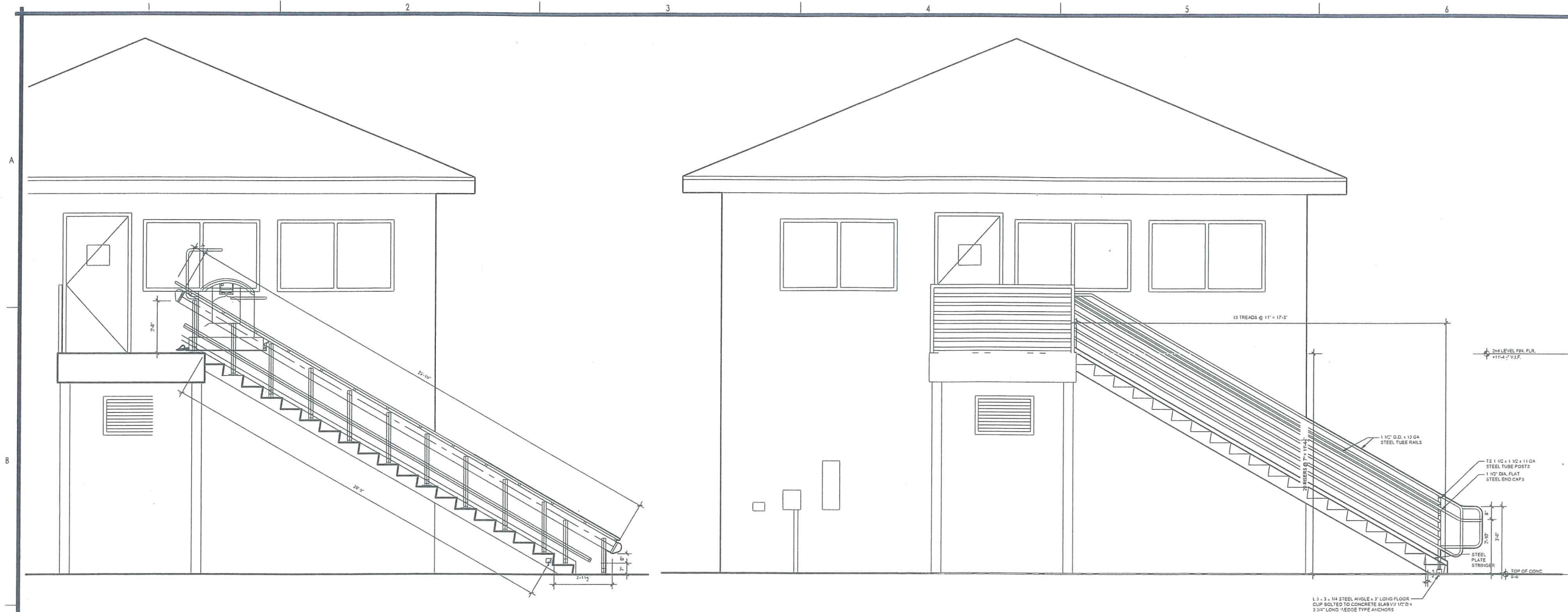
4 PRE-ENGINEERED STEEL STAIRS, SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND INFORMATION, HOT DIPPED GALVANIZED TO ASTM A123 AFTER FABRICATION.

5 CONCRETE SLAB ON GRADE FOR NEW PRE-ENGINEERED STEEL STAIRS, COORDINATE SIZE WITH ARCHITECTURAL DRAWINGS, REINFORCED WITH 6x6 W2.1xW2.1 WIRE WELDED FABRIC AT MID-DEPTH.



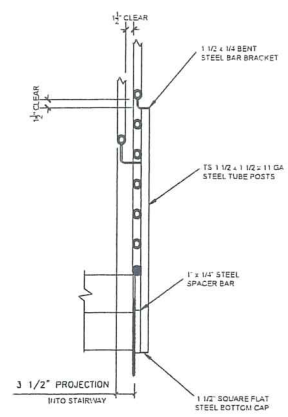
SEE ARCH'L. DRAWINGS FOR RISE, RUN, NOSING DIMENSIONS AND HANDRAIL DETAILS

12 TYPICAL PRE-ENGINEERED STAIR BASE
3/4" = 1'-0"
DETAIL S202

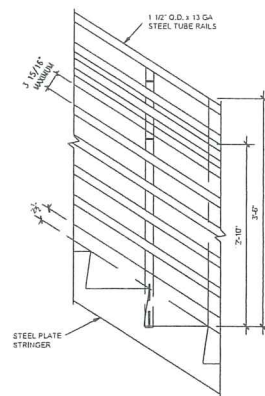


2
A9.1
ADA CHAIR LIFT ELEVATION
SCALE: 3/8"=1'-0"

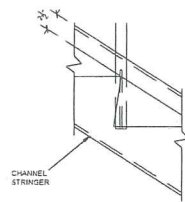
1
A9.1
ADA STAIR AND RAILING ELEVATION
SCALE: 3/8"=1'-0"



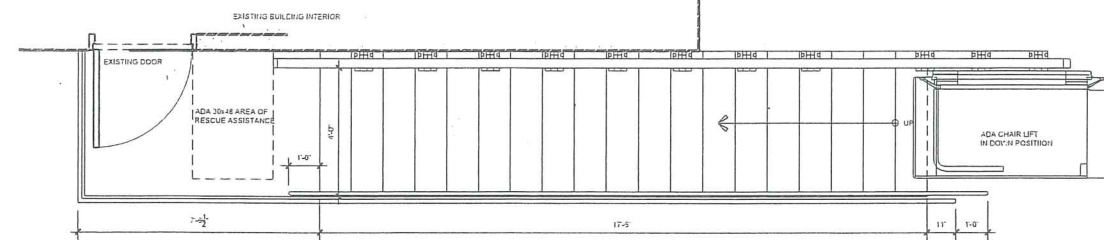
5
A9.1
STAIR DETAIL
SCALE: 1"=1'-0"



4
A9.1
STAIR DETAIL
SCALE: 1"=1'-0"



3
A9.1
STAIR DETAIL
SCALE: 1"=1'-0"



1
A9.1
ADA STAIR AND RAILING PLAN
SCALE: 3/8"=1'-0"



ARCHITECTURE | INTERIOR DESIGN
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CONSULTANT:

OWNER / PROJECT:
Minneola Athletic Complex
SOUTH LAKE COMMUNITY PARK
MINNEOLA, FLORIDA

PROFESSIONAL SEAL:

PROJECT NO: FSA2012-17

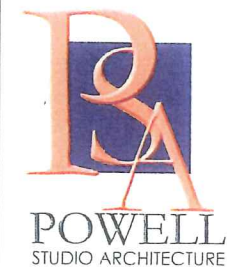
REVISIONS:		

MARK | DATE | DESCRIPTION

ISSUE DATE SEPTEMBER 28, 2012

ADA STAIR PLAN AND DETAILS

A9.1



ARCHITECTURE | INTERIOR DESIGN
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WITHOUT THE WRITTEN CONSENT OF POWELL STUDIO
ARCHITECTURE, LLC.

CONSULTANT:

OWNER / PROJECT:

Minneola Athletic
Complex
SOUTH LAKE COMMUNITY PARK
MINNEOLA, FLORIDA

PROFESSIONAL SEAL:

PROJECT NO: PSA2012-17

REVISIONS:

MARK DATE DESCRIPTION

ISSUE DATE SEPTEMBER 28, 2012

GARAVENTA CHAIR LIFT
DETAILS

A9.2

XPRESS II INCLINED PLATFORM LIFT:

Code Reference: ASME A17.1 "Safety Code for Elevators and Escalators", Part XX (Commercial Public Buildings) and ASME A18.1 "Safety Standard for Platform Lifts and Stairway Chairlifts"

Emergency Devices: Emergency stop switch on a control panel, under platform sensing, ramp sensing and grab rail.

Safeties: Overspeed governor on upper carriage drive, containing mechanical overspeed sensor and lock, with electrical drive cut-out protection.

Drive: Power Transmission: Worm gear reduction to a pinion moving on a fixed gear rack.

Motor: 0.75 HP

Power Supply: 208-240 VAC / 1 PHASE - 50/60 Hz, on a dedicated 20 amp circuit.

Travel Speed: 4 m/min [13 ft/min] traveling up; 5 m/min [18 ft/min] traveling down.

Location: **outdoor lift**

Attachment: Tower Mount Unit - Freestanding

Platform: 800mm x 1250mm [31 1/2" x 49 1/4"] (Keyless)
The 16 ga. galvanized platform deck is finished with an electrostatically applied Non-Slip Black Sandex powder coat. The platform is equipped with a grab rail, hour counter and retractable passenger restraining arms.

Capacity: Maximum 225 kg [495 lb] operating load.

Color: Upper and lower rails and loading ramps are made of aluminum with a champagne anodized finish. The steel components of the lift are finished with an electrostatically applied and baked powder Satin Gray finish.

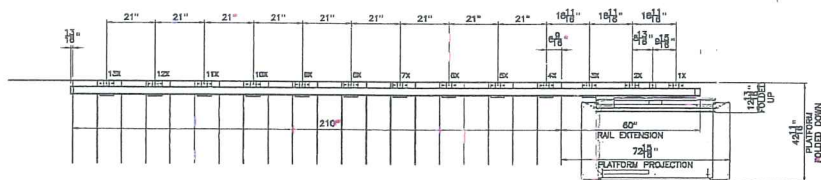
Ramps: Lower Ramp - Standard 185mm [7.25"]
Upper Ramp - Standard 185mm [7.25"]
Sideload - Not Required.

Call Stations: Lower Landing - Surface Mount c/w flush adapter (Keyed / Keyless - configurable)
Upper Landing - Surface Mount c/w flush adapter (Keyed / Keyless - configurable)

Custom Work: None.

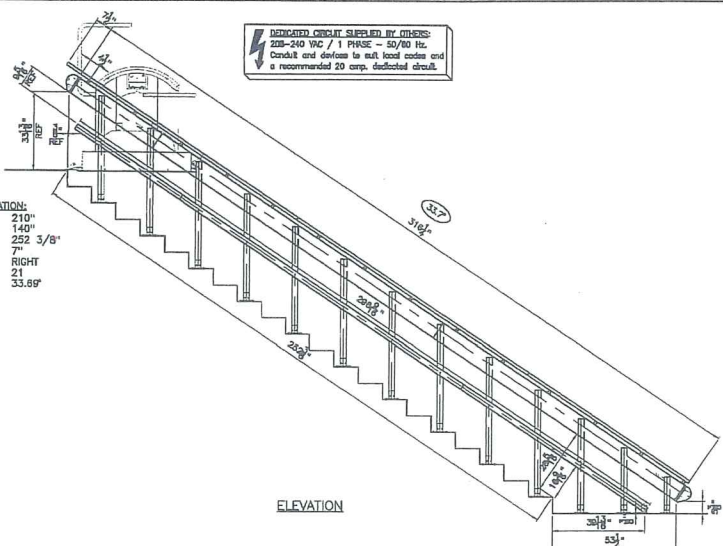
Optional Items: Handrail, Fold Down Seat Kit, Platform Security Lock, Auto Fold Kit, In-Hanger Alarm with Battery Back-up, Emergency Battery Lowering, Towers (Mild Steel).

A INITIAL RELEASE			UNITS: INCHES	01/16/12	LZ
REV.	SCALE: NTS	TOLERANCES: DIMENSIONAL ±1/16" ANGULAR ±0.5°	PROJECTION:	DATE	DRN. BY CHK. BY
7505 - 134A STREET SURREY, BC, CANADA V3W 7B3 PH: ++1 604 594 0422 FAX: ++1 604 594 9915 http://www.garaventalift.com			XPRESS II FABRICATION DRAWING		
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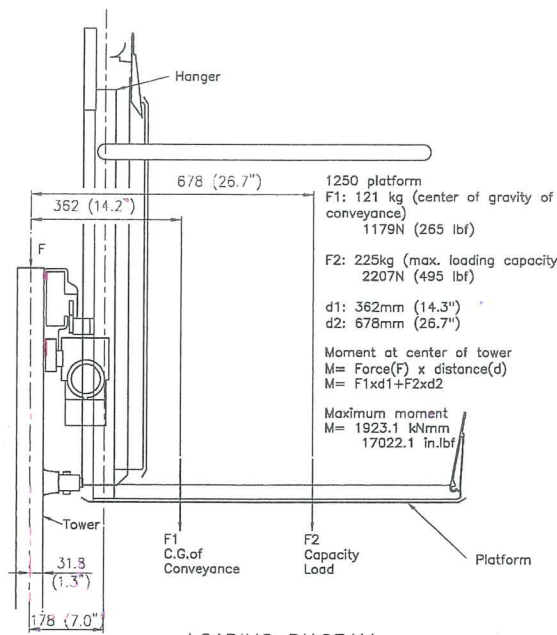
PLAN TOWER MOUNT UNIT

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ELEVATION

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LOADING DIAGRAM
N.T.S.

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NOTE: GARAVENTA CHAIR LIFT DETAILS ON THIS SHEET ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR MUST VERIFY EXISTING FIELD CONDITIONS AND PROVIDE NEW SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION.